

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054260.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 22:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 03:12:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.838	3331467	20.500 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	13.282	2496514	21.059 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
Target Compounds			
1) T n-Nonane (C9)	3.182	2375809	17.579 ug/ml
2) T n-Decane (C10)	4.445	2470457	18.282 ug/ml
3) T A~Naphthalene (C11.7)	6.161	2740682	19.070 ug/ml
4) T n-Dodecane (C12)	6.628	2574619	18.875 ug/ml
5) T A~2-methylnaphthalene...	7.264	2710663	19.542 ug/ml
6) T n-Tetradecane (C14)	8.463	2613616	19.367 ug/ml
7) T n-Hexadecane (C16)	10.076	2712867	20.105 ug/ml
8) T n-Octadecane (C18)	11.523	2764627	20.530 ug/ml
10) T n-Eicosane (C20)	12.836	2740026	20.848 ug/ml
11) T n-Heneicosane (C21)	13.450	2720255	20.983 ug/ml
13) T n-Docosane (C22)	14.038	2721031	21.329 ug/ml
14) T n-Tetracosane (C24)	15.144	2757002	22.035 ug/ml
15) T n-Hexacosane (C26)	16.168	2720503	22.217 ug/ml
16) T n-Octacosane (C28)	17.120	2724137	22.409 ug/ml
17) T n-Tricontane (C30)	18.009	2826139	22.688 ug/ml
18) T n-Dotriacontane (C32)	18.843	2848876	22.781 ug/ml
19) T n-Tetratriacontane (C34)	19.628	2619224	21.988 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2402860	20.752 ug/ml
21) T n-Octatriacontane (C38)	21.098	2143841	19.700 ug/ml
22) T n-Tetracontane (C40)	21.992	2068441	20.845 ug/ml

(f)=RT Delta > 1/2 Window

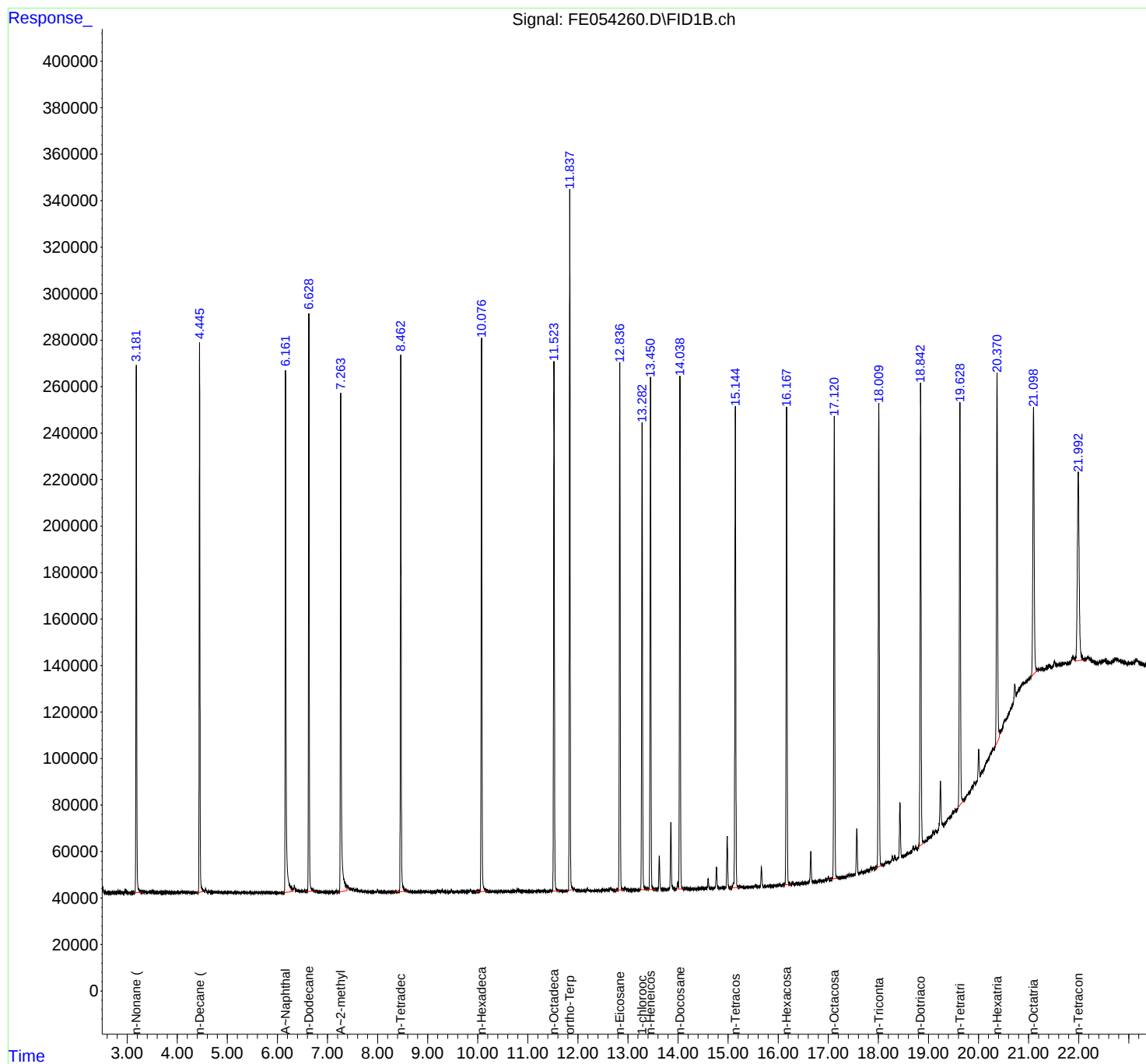
(m)=manual int.

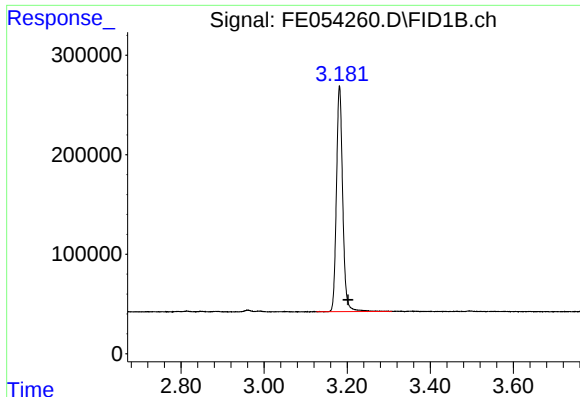
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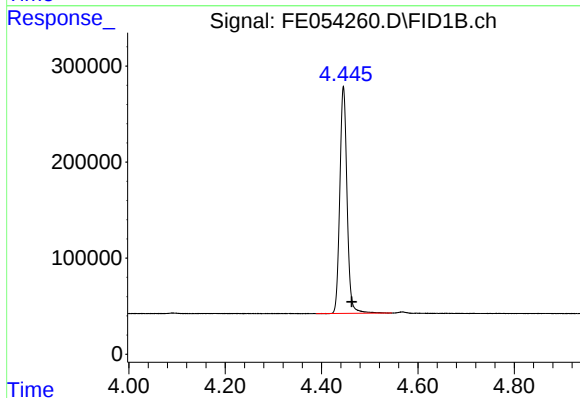




#1 n-Nonane (C9)

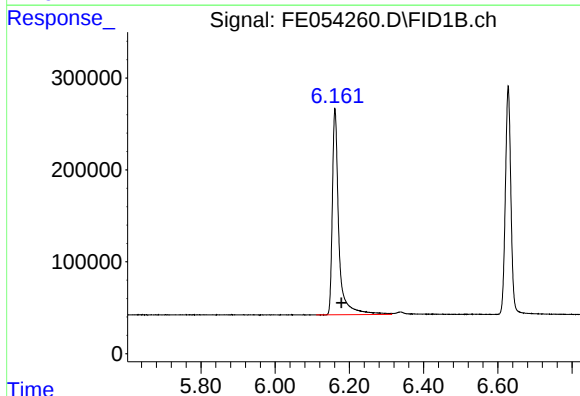
R.T.: 3.182 min
Delta R.T.: -0.020 min
Response: 2375809
Conc: 17.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



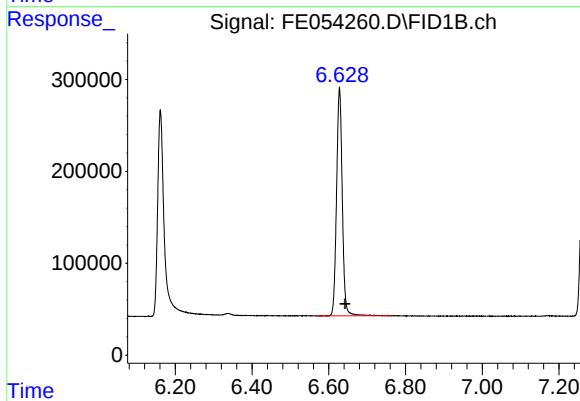
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.017 min
Response: 2470457
Conc: 18.28 ug/ml



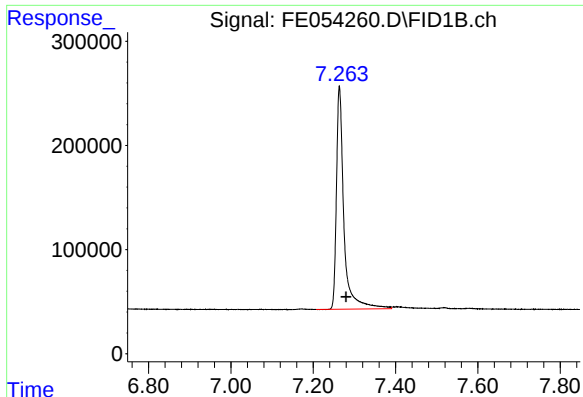
#3 A~Naphthalene (C11.7)

R.T.: 6.161 min
Delta R.T.: -0.017 min
Response: 2740682
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

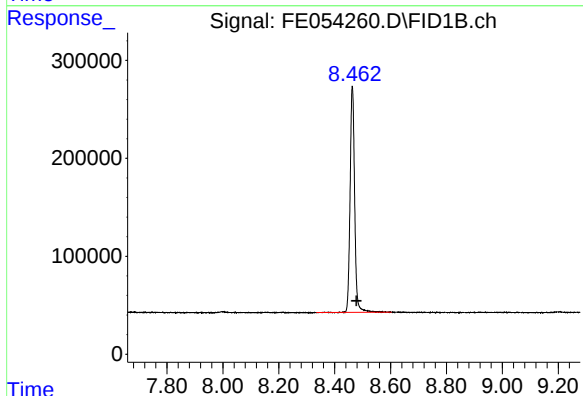
R.T.: 6.628 min
Delta R.T.: -0.014 min
Response: 2574619
Conc: 18.87 ug/ml



#5 A~2-methylnaphthalene (C12.89)

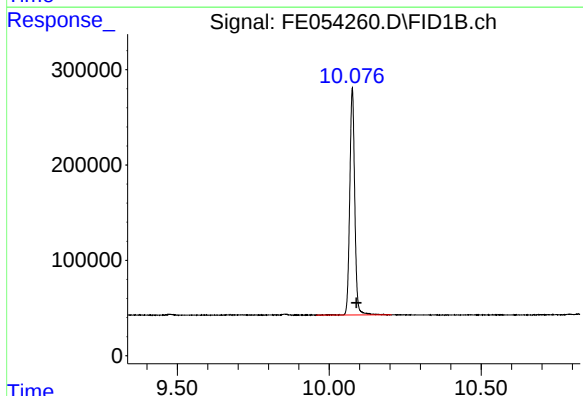
R.T.: 7.264 min
Delta R.T.: -0.016 min
Response: 2710663
Conc: 19.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



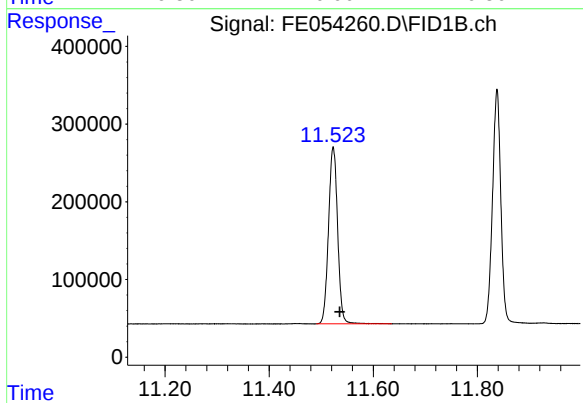
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: -0.014 min
Response: 2613616
Conc: 19.37 ug/ml



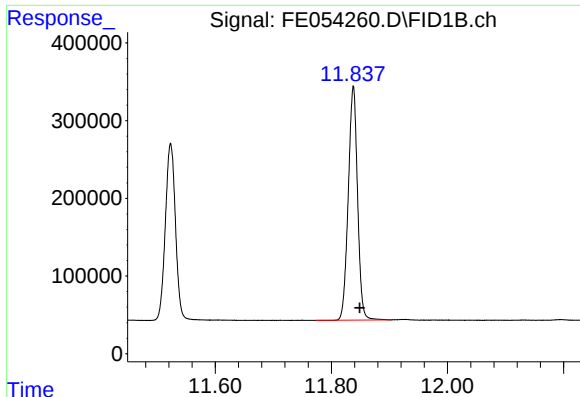
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.014 min
Response: 2712867
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

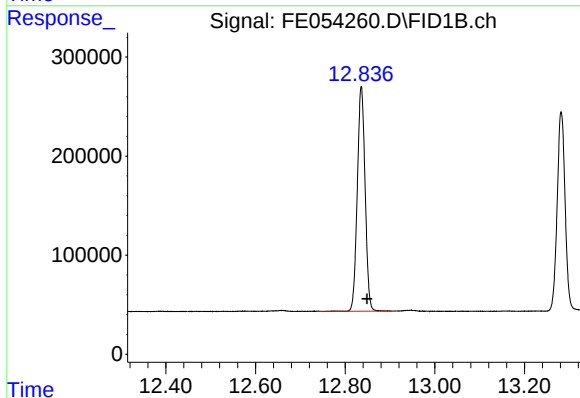
R.T.: 11.523 min
Delta R.T.: -0.013 min
Response: 2764627
Conc: 20.53 ug/ml



#9 ortho-Terphenyl (SURR)

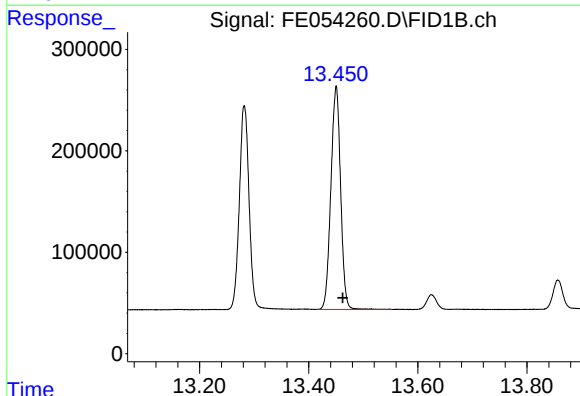
R.T.: 11.838 min
Delta R.T.: -0.011 min
Response: 3331467
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



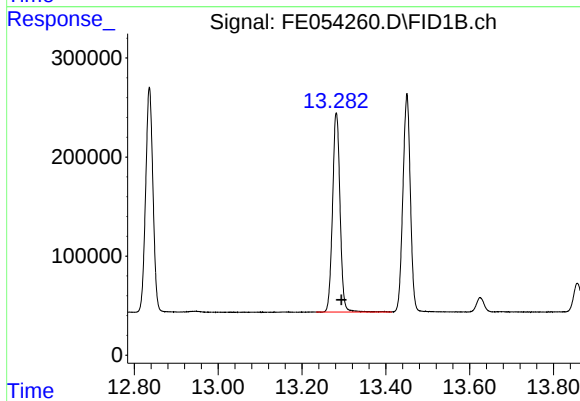
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.013 min
Response: 2740026
Conc: 20.85 ug/ml



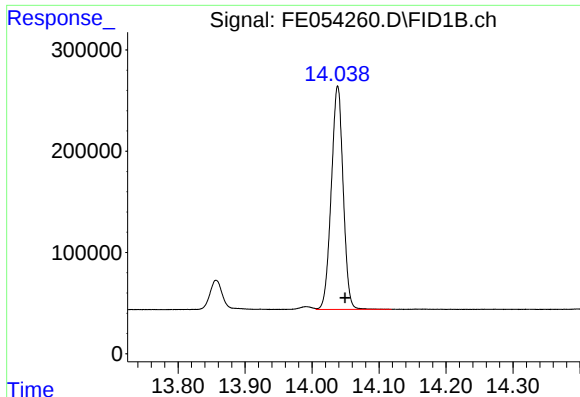
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.012 min
Response: 2720255
Conc: 20.98 ug/ml



#12 1-chlorooctadecane (SURR)

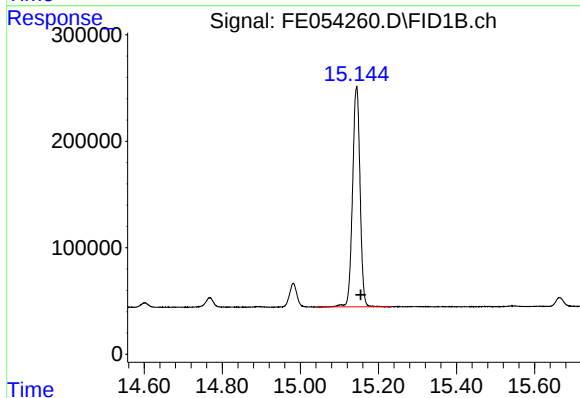
R.T.: 13.282 min
Delta R.T.: -0.013 min
Response: 2496514
Conc: 21.06 ug/ml



#13 n-Docosane (C22)

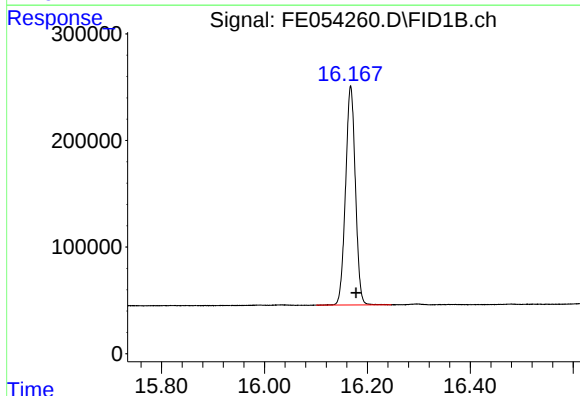
R.T.: 14.038 min
Delta R.T.: -0.011 min
Response: 2721031
Conc: 21.33 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



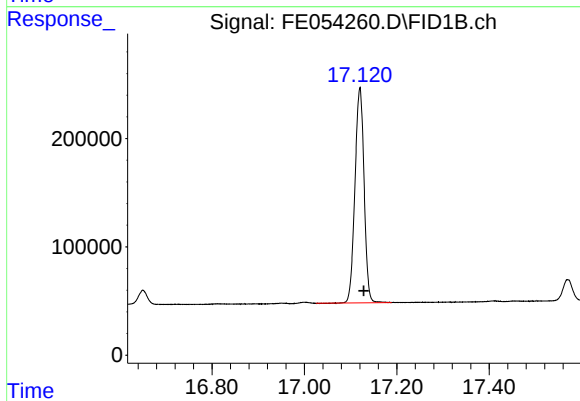
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.011 min
Response: 2757002
Conc: 22.04 ug/ml



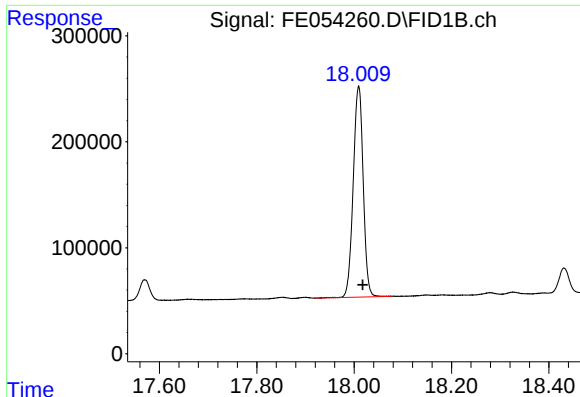
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.010 min
Response: 2720503
Conc: 22.22 ug/ml



#16 n-Octacosane (C28)

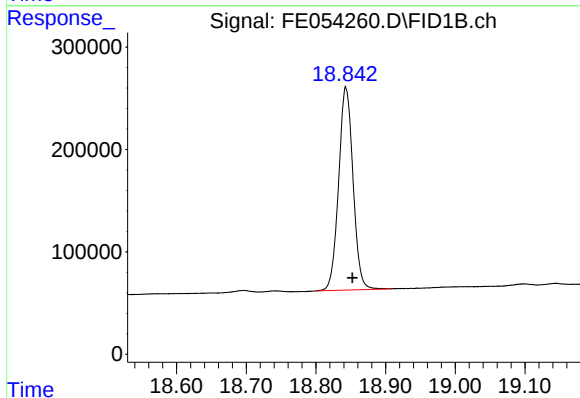
R.T.: 17.120 min
Delta R.T.: -0.009 min
Response: 2724137
Conc: 22.41 ug/ml



#17 n-Tricontane (C30)

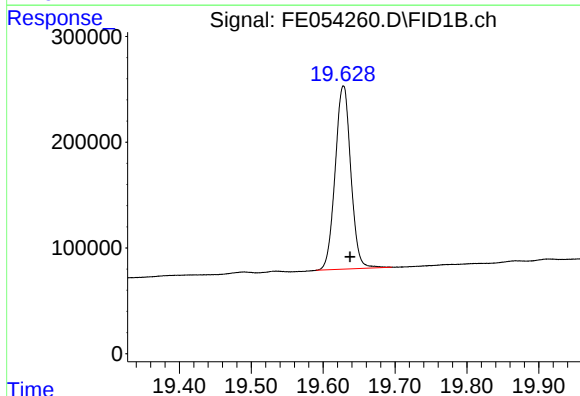
R.T.: 18.009 min
Delta R.T.: -0.009 min
Response: 2826139
Conc: 22.69 ug/ml

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20 PPM ALIPHATIC HC STD



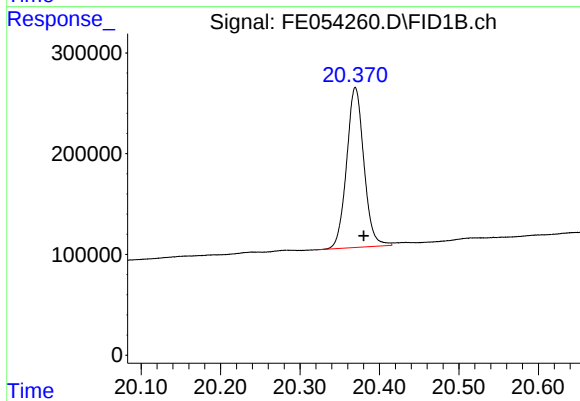
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.009 min
Response: 2848876
Conc: 22.78 ug/ml



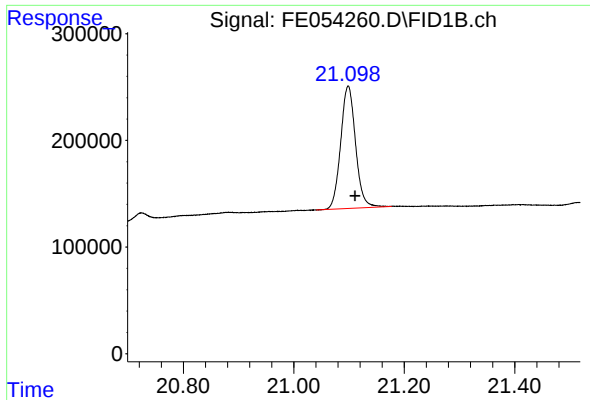
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: -0.010 min
Response: 2619224
Conc: 21.99 ug/ml



#20 n-Hexatriacontane (C36)

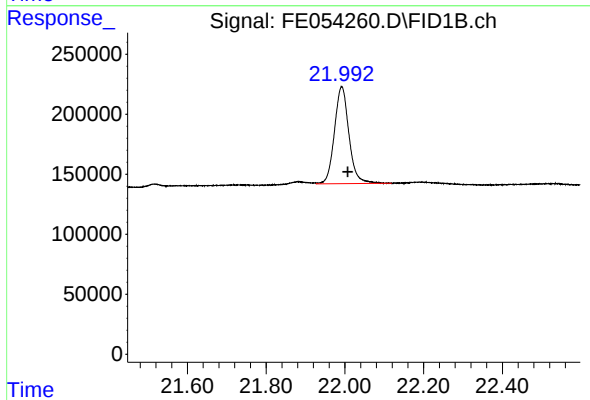
R.T.: 20.370 min
Delta R.T.: -0.011 min
Response: 2402860
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.012 min
Response: 2143841
Conc: 19.70 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: -0.015 min
Response: 2068441
Conc: 20.84 ug/ml